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ATTORNEY DOCKET NO. 8141-113

Date June 2, 1994

Honorable Commissioner of Patents and Trademarks  
 Washington, D.C. 20231

Sir:

The following utility patent application is enclosed for filing:

Applicant(s): Isabelle Rivière, Lawrence K. Cohen, Brad Guild, Lori F. Rafield, Paul Robbins and Richard C. Mulligan

Title of Invention:

**RETROVIRAL GENE THERAPY VECTORS AND THERAPEUTIC METHODS BASED THEREON**

Enclosed are:

Table of Contents 3 pages

Specification 60 pages

Claims 6 pages

Abstract 1

Figures 1-17.


Unexecuted Declaration X

**PATENT APPLICATION FEE VALUE**

TYPE	NO. FILED	LESS	EXTRA	EXTRA RATE	FEE
Total Claims	73	-20	53	\$22.00 each	1,166.00
Independent	4	-3	1	\$74.00 each	74.00
Minimum Fee					710.00
Multiple Dependency Fee If Applicable (\$230.00)					230.00
<b>Total</b>					2,180.00
					2,180.00

Please charge the required fee to Pennie & Edmonds Deposit Account No. 16-1150. A copy of this sheet is enclosed.

Respectfully submitted,

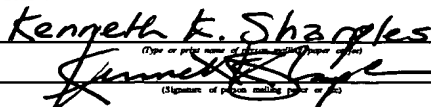
  
 Kenneth K. Sharples 35,3455  
 PENNIE & EDMONDS (Reg. No.)

**EXPRESS MAIL CERTIFICATION**

"Express Mail" label No. TB 668 655 504 US

Date of Deposit June 2, 1994

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

  
 Kenneth K. Sharples  
 (Signature of person mailing paper or fee)

4. A Petition For Extension of Time (three months; small entity); and

NOTE: Two assignment documents signed by the inventors and assigning all rights and interest in the above-referenced application to Somatix Therapy and Whitehead Institute For Biomedical Research, respectively, are being submitted by express mail on this same date, along with a separate recordation coversheet and a postcard for each;

The U.S. Patent and Trademark Office is hereby authorized to charge the following fees to Pennie & Edmonds Deposit Account No. 16-1150:

1. Surcharge Fee for filing declaration  
on a date later than the filing date  
of the application. \$ 65.00
2. Extension Fee (three months; small entity) \$ 435.00
3. The Commissioner is hereby authorized to charge any additional fees associated with this paper communication or credit any overpayment to Deposit Account No. 16-1150.

The documents submitted complete the filing of the above-identified patent application and justify the filing date of August 18, 1994. This form is being submitted in duplicate.

Respectfully submitted,

Dated: November 23, 1994

By: Albert P. Halluin  
Albert P. Halluin (Reg. No. 25,227)

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Enclosure